

ABSTRACT

A communication method and system for use by a local modem and a host, while the local modem is in communication with a remote modem through a central office. In one aspect, an alert signal is received by the local modem from the central office indicating an incoming call. In response, the local modem acknowledges the alter signal by sending a tone to the central office. Next, the local modem notifies the remote modem of a modem-on-hold state, the local modem collects caller identification received from the central office and informs the host of the call waiting event. Next, the local modem receives an in-band caller identification request from the host requesting the caller identification. In response, the local modem transmits the caller identification to the host using an in-band caller identification message. Next, the local modem receives an in-band answer request from the host to answer said incoming call.

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